

2,68. (New) A method for stimulating tyrosine phosphorylation of a Flt4 tyrosine kinase receptor in a Flt4-expressing cell, comprising contacting a cell with a polypeptide comprising amino acid sequence of SEQ ID NO:3 in an amount effective to stimulate tyrosine phosphorylation of said Flt4 kinase receptor.

3,69. (New) A method for promoting growth of endothelial cells that express Flt4 tyrosine receptor, comprising contacting the cells with a polypeptide comprising amino acid residues 21 to 419 of SEQ ID NO:3 in an amount effective to promote the growth of the endothelial cells.

4,70. (New) A method for promoting growth of endothelial cells that express Flt4 tyrosine receptor, comprising contacting the cells with a polypeptide comprising amino acid sequence of SEQ ID NO:3 in an amount effective to promote the growth of the endothelial cells.